

Serial No.: 09/375,514
Filed: 08/17/1999
Group Art Unit: 1635

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

Claims 1-52 (canceled)

Claim 53 (previously presented): An anticodon oligomer complementary to bcl-2 mRNA consisting of from 18-35 bases and comprising the nucleotide sequence TCTCCAGCGTGCGCCAT (SEQ ID NO:17).

Claims 54-69 (canceled)

Claim 70 (previously presented): An anticodon oligomer, wherein said anticodon oligomer is from 10 to 40 bases in length and is complementary to a portion of SEQ ID NO:19.

Claim 71 (previously presented): An anticodon oligomer, wherein said anticodon oligomer is from 10 to 40 bases in length and is complementary to a portion of SEQ ID NO:22.

Claim 72 (previously presented): The anticodon oligomer of Claim 70, wherein said anticodon oligomer is an antisense oligonucleotide complementary to a splice acceptor site of SEQ ID NO:19.

Claim 73 (previously presented): The anticodon oligomer of Claim 71, wherein said anticodon oligomer is an antisense oligonucleotide complementary to a splice donor site of SEQ ID NO:22.

Claim 74 (previously presented): The anticodon oligomer of Claim 70, wherein said anticodon oligomer is 10 to 40 bases in length and is complementary to a 5'-untranslated region of SEQ ID NO:19.

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Claim 75 (previously presented): A composition comprising the anticodon oligomer of Claims 53, 70, 71, 72, 73 or 74; and a pharmaceutically acceptable carrier.

Claim 76 (previously presented): The anticodon oligomer of Claim 53, wherein said anticodon oligomer contains at least one phosphorothioate-modified nucleotide.

Claim 77 (previously presented): A composition comprising the anticodon oligomer of Claim 76; and a pharmaceutically acceptable carrier.

Claim 78 (previously presented): The anticodon oligomer of Claim 76, wherein said anticodon oligomer is a phosphodiester/phosphorothioate chimera.

Claim 79 (previously presented): The anticodon oligomer of Claim 76 wherein the oligonucleotide comprises at least 2 to 3 phosphorothioate linkages.

Claim 80 (previously presented): A composition comprising the anticodon oligomer of Claim 78 or 79; and a pharmaceutically acceptable carrier.

Claim 81 (previously presented): The anticodon oligomer of Claim 53, wherein said anticodon oligomer contains at least one phosphoramidate-modified nucleotide.

Claim 82 (previously presented): The anticodon oligomer of Claims 70, 71, 72, 73 or 74, wherein said anticodon oligomer contains at least one phosphorothioate-modified nucleotide.

Claim 83 (previously presented): A composition comprising the anticodon oligomer of Claim 82; and a pharmaceutically acceptable carrier.

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Claim 84 (previously presented): The anticodon oligomer of Claim 82, wherein said anticodon oligomer is a phosphodiester/phosphorothioate chimera.

Claim 85 (previously presented): The anticodon oligomer of Claim 84 wherein the oligonucleotide comprises at least 2 to 3 phosphorothioate linkages.

Claim 86 (previously presented): A composition comprising the anticodon oligomer of Claim 84 and a pharmaceutically acceptable carrier.

Claim 87 (previously presented): A composition comprising the anticodon oligomer of Claim 85 and a pharmaceutically acceptable carrier.

Claim 88 (previously presented): The anticodon oligomer of Claim 70, 71, 72, 73 or 74, wherein said anticodon oligomer contains at least one phosphoramidate-modified nucleotide.